

Patent Abstracts of Japan

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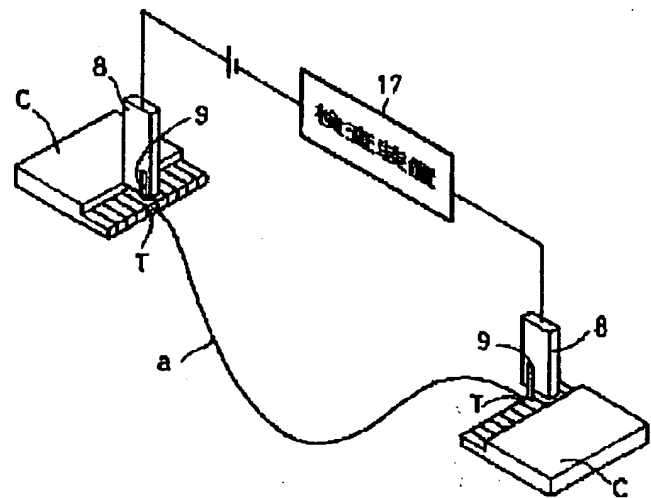
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TITLE : PRESS MACHINE FOR
PRESSURE-CONTACT OF WIRE TO
BE USED FOR MANUFACTURE OF
WIRE HARNESS FOR AUTOMOBILE



ABSTRACT : PROBLEM TO BE SOLVED: To detect a press-in failure in a short time without a manual operation by providing a tip of each pressure-contact blade with a contact probe, which contacts a terminal at the time of pressing a wire into a terminal, and connecting a detecting device to both the contact probes.

SOLUTION: In a press machine, at the time of pressing a wire (a) into a terminal T, when a pressure-contact blade 8 is lowered, a contact probe 9 contacts with a resin barrel of the terminal T, and an checking device 17 detects the electrical continuity between connectors C, C, which are connected both ends of the wire (a). With this structure, since the checking device 17, which is connected to the contact probe 9, detects the electrical continuity at the same time with the press-in of the wire into the terminal T, accuracy and efficiency of detection of electrical continuity can be improved, and dimension of a device can be increased.

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